

## WORK OF LOCAL PERSONS CHOSEN BY PLAYMAKERS

Mrs. Bailey's "Strike Song" Will Be Offered as Next Performance December 10, 11, and 12.

The Carolina Playmakers announced yesterday that the next production of that organization will be *Strike Song*, a three-act play of southern mill people by two local playwrights, former students in the playwriting classes, Loretto Carroll Bailey and James Osler Bailey.

Try-outs for this production will be held at the Playmakers theatre beginning at 4:30 on Tuesday afternoon, and will continue at 7:30 the same evening. The play will be produced December 10, 11, 12.

At the same time plans are being made for immediate experimental production of the plays that have been written in the playwriting class this term. There will be six or eight plays on this program, and the three best of these will be chosen by a committee of judges for professional production on the regular program next term.

Harry Davis, assistant director of the Playmakers, will supervise these productions and they will be given a more finished presentation than has been possible heretofore in the experimental staging. Regular try-outs for these plays will be held at a date to be announced within a few days.

## Research Work Is Encouraged In Canadian Universities, Says Dean

J. C. McLennan of Toronto University Believes Students' Ideas on Matters of International Importance Should Be Treated As Seriously as Maturer Suggestions.

The influence of the Canadian university in the political and social forces of the Dominion was outlined by Dean J. C. McLennan, dean of graduate studies at Toronto university, in an exclusive interview with a *Daily Tar Heel* reporter Friday afternoon. "Most of Canada's greatest statesmen and leaders are university graduates," McLennan stated, "and the rise to power of the man who received his training in our educational institutions has been notable within the last decade. The present Prime Minister of Canada and the present Prime Minister of the province of Ontario are both college graduates. So were their predecessors."

### Special Research Work

Research work of students and special scholars interested in such issues is especially encouraged, McLennan said. Inspiration is provided by numerous literary, governmental, and historical societies, which appeal more to the man who seeks his education in the classroom than the one who devotes his time to research and laboratory work, the more concrete avenues of endeavor. Citing the recent disarmament petition movement which grew out of the student bodies of several great Canadian universities, McLennan said, "These movements are more the result of trained leadership and careful preparation, than hasty conclusion and undergraduate enthusiasm. The student's views on matters of international importance are treated in all seriousness and he is advised and instructed in the right path. Most of these movements grow out of the societies, which hold

## Guest Is Guest

Elisabeth Risdon and Mrs. Howe Acquainted When on Stage in New York.

Elisabeth Risdon, the star of *Elizabeth, the Queen*, Maxwell Anderson's play, which will be presented in the Carolina Playmakers theatre here tomorrow night by the New York Theatre Guild, arrived here last night and will be the guest for several days of Dr. and Mrs. George Howe at Treetops. She is accompanied by her husband, Brandon Evans.

Mrs. Howe and Miss Risdon have been friends since the former played in New York productions under the stage name of Margaret Vale.

## Local Red Cross Gets Student Aid

The annual roll call for members of the Red Cross is from Armistice Day to Thanksgiving. The goal for Chapel Hill is 1,000 members exclusive of members from the student body.

After consultation with the president of the student union, the president of the inter-dormitory council, and the president of inter-fraternity council, it was decided to appoint representatives in each of the dormitories and fraternities to invite the members to join the Red Cross. These representatives have been appointed and supplied with membership cards and buttons. Other students may leave their subscriptions at the headquarters or at Eubanks Drug Store.

## Cotton Demand May Increase If Experiments Prove Successful

Results of Research by Two University Professors Bring Hope That the Enormous Surplus of Cotton May Be Economically Turned Into Valuable Cellulose.

During the past few years, the use of cotton as a fabric for making clothes has declined and the southern farmer who knows how to grow little else has found a small market for his crop and such as there was brought practically no income. With the farmer primarily in mind, Dr. A. K. Cameron, professor of chemistry, and Nicholas Dockery, a student in the University, have been experimenting to develop a new use for cotton. It has been found that the cotton plant contains 55% to 60% cellulose, a substance which has wide and varied uses and that this fact may provide a better source of income for the cotton-growing farmer.

### Cellulose in Cotton

For the past two years the experimenters have concentrated their efforts on examining the types of cellulose in the cotton plant and finding under what conditions the plant contains most. The cotton has been raised on Dockery's plantation near Rockingham which is conveniently close to the University. From the time the cotton plant has been growing two months until it is ready to gather, samples are taken almost weekly and analyzed for their content of moisture, ash, fats, resin, and cellulose. It has been found that fortunately, as the valuable cellulose and fats increase, the useless ash and moisture decrease. It is also interesting to note that the entire cotton plant with the exception of the root can be utilized in this process.

### Uses of Cellulose

Although the seed contains no cellulose for any use, the lint pulp is over 95% cellulose, and the stalk and boll contain between 40% and 50%, while the seed is mostly fats and oils, very valuable by-products. The cotton cellulose is unexcelled for

use in making rayon, artificial silks and wool; it also makes a high grade of paper. As it is not yet certain for what purposes the cotton cellulose is best adapted, the experiments in the future are to include attempts to determine the best use of it.

The general method Dockery uses to remove the cellulose from the plant is by applying a strong solution of sodium hydroxide on the whole plant. The cellulose is removed and bleached by chlorine. The appearance of this substance is very similar to cotton, but its fibers are shorter and tougher. It is found in almost all plant life, but cotton undoubtedly contains more than any other plant.

### Help to the Farmer

These two men are devoting their time to these experiments to help the southern farmer make the most profit on his cotton. They are not only studying the uses of the cellulose but are trying to develop the most inexpensive method of extracting this substance with the best results. As the seed has practically no value for its content of cellulose, but contains much oil, the seed will be separated from the rest of the plant and the oils removed. Whether it would be more satisfactory to gin the cotton plant or remove the fats after the plant has been treated for the cellulose is as yet uncertain. The ginning would require special machinery but the amount of oil might be enough as to warrant the extra expense.

The progress made so far has been very favorable and the two men believe that in the near future there will be a great demand for cotton because of its cellulose base. The American Cotton Growers Association at New Orleans has shown its confidence in these two men by contributing \$1,500 to be used for supplies and apparatus.

## S. H. HOBBS SAYS STATES IN SOUTH RANK VERY LOW

Rural Economics Professor Speaks Before Informal Gathering in Lobby of Union Building Friday Evening.

Dr. S. H. Hobbs, professor of social-rural economics, spoke Friday evening to an informal group in Graham Memorial, upon the position of North Carolina among the states and discussed the series of articles that appeared in the *American Mercury* upon the worst states in the union. E. H. Mencken, who was the author of these articles, revealed that Mississippi ranked the lowest.

### N. C. Ranks 43rd

North Carolina maintained an average as the forty-third state in wealth, culture and education, health, and public order. Those that ranked at the top in the respective tables were: wealth, California; culture and education, Massachusetts; health, Minnesota; and public order, Maine. With only a single exception Mississippi ranked the lowest. South Carolina was last and Mississippi next to last in health.

The southern states occupy the lowest ranking positions.

## FOUNTAIN ASSAILS SHORT BALLOT AT JUNIOR GATHERING

Coach Collins Urges Class to Become Better Acquainted With Workings of Football Team.

About two hundred and fifty members of the class of '33 attended the junior smoker in Swain hall Friday evening. Lieutenant-Governor Richard T. Fountain, and Coach Chuck Collins were the speakers of the evening.

Collins, the first speaker, talked to the class about the Davidson game, urging the class as a student body to get closer to the football squad, attend some of their practices, and really see what they did and what they were like. He continued that he thought the junior class of any institution was always the laziest group for psychological reasons. The third year, he said, looked upon as a repetition of what the student has been through the first two years. In order to avoid wishing at the end of the senior year that one might have another chance in college, he advised members of this class to get to work at once.

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## Special Program

Nelson O. Kennedy Will Commemorate First Armistice Day in Organ Recital.

Nelson O. Kennedy, head of the department of organ in the music department of the University, will present the regular monthly vesper concert in the Hill Music auditorium this afternoon at 4:00. He has prepared a program which commemorates the first Armistice day by the utilization of George P. Nevin's *In Memoriam*.

The recital opens with John Hyatt Brewer's *Indian Summer Sketch*, followed by Mendelssohn's *Sonata*, No. 2; *Rondo*, by Rinck-Dickinson; R. G. Cole's *Song of Gratitude*; Nevin's *In Memoriam*; and concludes with J. Lemmens' *Fanfare in D*.

## McBain Touches On Climate, Traditions

Dean Howard McBain, one of the two delegates sent by Columbia university to the conference of the Association of American Universities, which met here, would give no statement on the present trends of education. Dean McBain said that this was one of the most beautiful universities he had ever had the pleasure to see, and that the students in it ought to be proud of their traditions. He also said that a New Yorker, like himself could appreciate the temperate climate which the University is so fortunate to possess.

## Hutchins Urges Plan Allowing Course Credits By Examination

Youthful University of Chicago President Is Confident That His New Educational System Will Enable Students to Complete Courses Much Sooner.

In the opinion of President Robert M. Hutchins, of the University of Chicago, a plan similar to the one in use at Chicago could be used here. "I do not wish to dictate policies to the faculty of the University of



PRESIDENT ROBT. M. HUTCHINS

North Carolina," he told the *Daily Tar Heel* reporter, "but a plan whereby a student so qualified could take examinations on a course and obtain credit, would be a great benefit to the more capable students."

President Hutchins went on to say that a plan as drastic as the one in use at the University of Chicago would not be necessary. He advocated keeping the grade system but allowing any student who thought he was capable of passing an examination on a subject without taking the course to obtain full credit by doing so.

The Hutchins plan which is in use at the University of Chicago is a plan whereby any student upon recommendation by his instructor may take an

## FROSH NOMINEES WILL BE CHOSEN MONDAY MORNING

Balloting for First Year Officers Will Be Conducted in Graham Memorial All Day Wednesday.

Nominations for four freshman class officers are to be made tomorrow morning in chapel. By ruling of student council nomination speeches are not to exceed two minutes in length. Sophomores who have chapel tomorrow will not be expected to attend.

### Candidates will Speak

Tuesday morning's chapel will be given over to speeches by the several nominees for offices of president, vice-president, secretary, and treasurer. The regular elections are scheduled to take place in Graham Memorial building on Wednesday, with the polls remaining open from 9:00 to 5:00. This is the first campus election ever to be staged in the new union building, but it is the student council's plan to hold all following elections here.

According to present plans, ballot boxes are to be placed in the northern end of the first floor. In case no nominee receives a majority of votes cast for his particular office, a run-off election between the two leading candidates will decide the winner. If such a run-off is necessary, the time and date will be announced later.

### His Rapid Rise

The rise of Dr. Hutchins to the presidency of one of America's largest universities at the age of thirty-two reads like the story of one of Alger's heroes. In 1923, then only twenty-four years old, he was appointed secretary of Yale university, in which position he remained until 1927 when he became dean of the Yale law school. In 1929 he became the president of the University of Chicago.

President Hutchins believes that his plan will be a success, although it has only been in effect for two months. He says that any intelligent student should be able to finish a two-year academic course in a quarter course could be done in a year, and that a full four-year course could be done in a year. Another significant feature of the Hutchins plan is that it does away with the graduate school. The graduate student takes his examinations for his degree whenever he thinks himself qualified to do so. President Hutchins said that time only would tell whether his plan would be a success or failure.

### Editorial Board

The editorial board of the *Daily Tar Heel* will convene this afternoon at 5:30. There will be no regular meeting of the city editors or reportorial staff today.